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FEB 09 2006

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February 9, 2006

OFFICE OF PETITIONS

FAX

| RECIPIENT/ PHONE NO. | FAX NO. | COMPANY/ CITY, STATE, COUNTRY |
|-------------------------------------|--------------|--|
| Office of Petitions 572-272-3283 | 571-273-0025 | U.S. Patent and Trademark Office Alexandria, Virginia |

URGENT - DECISION REQUESTED PRIOR TO ISSUANCE OF PATENT

CONFIDENTIAL - Application Serial No. 10/821,928 (SAIC0056-CON2)

Attached please find:

Transmittal Form (1 p.); Fee Transmittal (1 p.); Petition to Withdraw Application From Issue Under 37 C.F.R. §1.313(c)(2) to Permit Consideration of a Request for Continued Examination Under 37 C.F.R. §1.114 (2 pp.); Request for Continued Examination (RCE) (1 p.); Submission Required with Request for Continued Examination (RCE) Pursuant to 37 C.F.R. 1.114; Form PTO-1449; Credit Card Payment Form (PTO-2038) - \$920.00 (\$130.00 - Petition Fee and \$790.00 - RCE Fee)

Applicant(s): Jessica M. SUNSHINE, et al.
 Title: METHOD FOR SELECTING REPRESENTATIVE ENDMEMBER COMPONENTS FROM
 SPECTRAL DATA
 Serial No.: 10/821,928
 Filing Date: April 12, 2004
 Docket No.: SAIC0056-CON2

If you have any questions, please do not hesitate to contact us.

Michael J. Dimino (Reg. No. 44,657)

Michael J. Dimino

FROM

13

PAGES (WITH COVER)

36609/300436

REFERENCE NO

CLIENT/MATTER NO.

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PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

Application Number

10/821,928

Filing Date

April 12, 2004

First Named Inventor

Jessica M. SUNSHINE, et al.

Art Unit

2623

FAX RECEIVED

Examiner Name

Vikkram Bali

FEB 09 2006

(to be used for all correspondence after initial filing)

Total Number of Pages In This Submission

10

Attorney Docket Number

SAIC0056-CON2

OFFICE OF PETITIONS**ENCLOSURES (check all that apply)**

- Fee Transmittal Form
 Fee Attached
 Amendment / Reply
 After Final
 Affidavits/Declaration(s)
 Extension of Time Request
 Express Abandonment Request
 Information Disclosure Statement
 Certified Copy of Priority Document(s)
 Reply to Missing Parts/
Incomplete Application
 Reply to Missing Parts
under 37 CFR 1.52 or 1.53

- Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a Provisional Application
 Power of Attorney, Revocation Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____
 Landscape Table on CD

- After Allowance Communication to TC
 Appeal Communication to Board of Appeals and Interferences
 Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
 Proprietary Information
 Status Letter
 Other Enclosure(s) (please identify below):
Petition to Withdraw Application From Issue Under 37 C.F.R. §1.313(c)(2) to Permit Consideration of a Request for Continued Examination Under 37 C.F.R. §1.114 (2 pp.);
Request for Continued Examination (RCE) (1 p.);
Submission Required with Request for Continued Examination (RCE) Pursuant to 37 C.F.R. 1.114;
Form PTO-1449; Credit Card Payment Form (PTO-2038) - \$920.00 (\$130.00 – Petition Fee and \$790.00 – RCE Fee)

Remarks**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm Kilpatrick Stockton LLP, 607 14th Street, N.W., Suite 900, Washington, DC 20005

Signature

Printed Name

Michael J. Dimino

Date

February 09, 2006

Reg.
No.

44,857

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Date

PTO/SB/17 (01-08)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

Complete If Known

| | |
|----------------------|-----------------------------|
| Application Number | 10/821,928 |
| Filing Date | April 12, 2004 |
| First Named Inventor | Jessica M. SUNSHINE, et al. |
| Examiner Name | Vikkram Bali |
| Art Unit | 2623 |
| Attorney Docket No. | SAIC0056-CON2 |

FEB 09 2006

OFFICE OF PETITIONS

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 501458 Deposit Account Name: Kilpatrick Stockton LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee

Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | |
|--------------|--------------|----------|---------------|---------------------------|---------------|
| | | | | Fee (\$) | Fee Paid (\$) |

- 20 or HP = _____ x _____ = _____

HP = highest number of total claims paid for, if greater than 20.

| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | |
|---------------|--------------|----------|---------------|---------------------------|---------------|
| | | | | Fee (\$) | Fee Paid (\$) |

- 3 or HP = _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|--|----------|---------------|
| - 100 = | / 50 = | (round up to a whole number) x | = | |

- 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

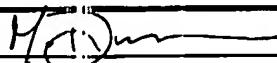
4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Petition Fee - \$130.00 (1.17(h)) and RCE Fee - \$790.00 (1.17(e))

\$920.00

SUBMITTED BY

Signature Registration No.
(Attorney/Agent) 44,657

Telephone (202) 508-5800

Name (Print/Type) Michael J. Dimino

Date February 09, 2006

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.